

International Preparatory Academy Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of International Preparatory Academy, 4201 W. Outer Dr., Detroit, MI., on May 6th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Sneha Emmadi on April 20^{th} , 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200 Detroit, MI 48203

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 354777

5/20/2016

4201 w. outer Dr. 48221

Source:

International Prep, S-01-KC-01-P

Source City: Detroit Source State: MI

Customer: Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

G. S. Group

Date/Time Received:

5/10/2016 13:30

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
1030 Lead	200.8 0.015	Inorganic Analy	CONSTRUCTION CONTRACTOR AND				Bahasi
1030 Lead	200.8 0.015	mg/L 0.001	0.004	1 5/6/2016 06:0	10		5/18/2016

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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ANALYTICAL REPORTS

SAMPLE CODE: 354778 5/20/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

International Prep, S-01-KC-01-F

Source City: Detroit

Source State:MI

Date/Time Received:

5/10/2016 13:30

Collected by:

M. Etters

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level	DF Date/Time	Date	Date/Time
			Detected	Sampled	Prepped	Analyzed
		Inorganic Analy	/tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	0.003	1 5/6/2016 06:0	0	5/18/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 354779 5/20/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

International Prep, S-01-WF-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/10/2016 13:30

Collected by:

M. Etters

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ANALYTICAL REPORTS

SAMPLE CODE: 354780 5/20/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

International Prep, S-01-WF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/10/2016 13:30

Collected by:

M. Etters

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		Inorganic Anal	ytes - Metals	and the second s	erenty, cross PCC Compy years yeard (1965), however, Seed mile (2 april 2 a	
1030 Lead	200.8 0.015	mg/L 0.001	0,003	1 5/6/2016 06:0	0	5/18/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 354781 5/20/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

International Prep, S-02-WF-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/10/2016 13:30

Collected by:

M. Etters

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			Detected	Sampled	Prepped	Analyzed
		Inorganic Analy	tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	0.003	1 5/6/2016 06:0	0	5/18/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 354782 5/20/2016

Customer:

G. S. Group

Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

International Prep, S-02-WF-03-F

Source City: Detroit

Source State:MI

Date/Time Received:

5/10/2016 13:30

Collected by:

M. Etters

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		Inorganic Analy	tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/6/2016 06:0	0	5/18/2016

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Analyst Tests EC 200.8

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354782

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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2076912

Order Date:

04/19/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

Sold To:	ISK: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 5 /6 /16		Lab Comments/Special Instructions:
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Client Name: Luternotion	1 Pref	
Phone Number: 313-494	1-8141	
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Quality Water Analysis

1-800-458-3330

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Order Number:

Order Date:

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354778

Sample Number:

Product:

Lead Only

04/19/2016

Sample Paid: No

Payment Method:

Sold To:	TSR: EF		
G. S. Group		For Laboratory Use	ONLY
Monica Starks		Lab Accounting Information:	
17800 Woodward Ave Detroit	MI 48203	Payment \$:	
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1-800-458-3330

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Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: G. S. Group For Laboratory Use ONLY Monica Starks Lab Accounting Information: 17800 Woodward Ave Detroit Payment \$: MI 48203 Check #: Lab Comments/Special Instructions: Date Sampled: 516 16 Please Use Military Time, e.g. 3:00pm = 15:00 Check Time Zone: EST CST MST PST Client Name: Lalo Phone Number: Fax Number: State Forms: PWS ID# (if applicable): Sample ID or Source: 5 Lab Sample Information: Source Type: Spring Well Date Received: Other: Time Received: City & State: Received By: Sample receipt criterial checiled & acceptable. Sample Collected By Deviations from acceptable on PSA form. sample receipt criteria noted Sample Collected By: Form Completed By:

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2076912

04/19/2016

354780

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Monica Starks		Leb Accounting Information:	
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Detroit	MI 48203	Payment \$:	
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Phone Number: 313-	194-8141	9-99 (19-99)	
Fax Number:			
PWS ID# (if applicable):	N/A	State Forms:	
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Quality Water Analysis

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General Compliance

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2076912 04/19/2016

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Lead Only

Sample Paid: No

Payment Method:

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G. S. Group		For Labor	ratory Use ONLY
Monica Starks			
17800 Woodward Ave		Lab Accounting Information	
Detroit	MI 48203	Payment \$:	
		Check #:	*
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1-800-458-3330

General Compliance

Order Number: Order Date:

2076912 04/19/2016

354782

Sample Number:

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Sold To:	TSR: EF	
G. S. Group		
Monica Starks		For Laboratory Use ONLY
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 5 16 1		Lab Comments/Special Instructions:
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INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS